

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2009; month=5; day=8; hr=9; min=32; sec=10; ms=207;]

=====

Application No: 10589823 Version No: 1.0

Input Set:

Output Set:

Started: 2009-05-01 16:39:21.556
Finished: 2009-05-01 16:39:22.363
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 807 ms
Total Warnings: 9
Total Errors: 0
No. of SeqIDs Defined: 13
Actual SeqID Count: 13

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)

SEQUENCE LISTING

<110> SCHNEIDER, ARMIN
ROSSNER, MORITZ
VOGT, GERHART
SCHWANINGER, MARKUS

<120> USE OF TWEAK MODULATORS AND INHIBITORS FOR THE TREATMENT OF
NEUROLOGICAL CONDITIONS

<130> 081847-0129

<140> 10589823
<141> 2009-05-01

<150> PCT/EP2005/001921
<151> 2005-02-23

<150> EP 04004094.1
<151> 2004-02-23

<160> 13

<170> PatentIn version 3.5

<210> 1
<211> 249
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(249)
<223> TWEAK

<400> 1
Met Ala Ala Arg Arg Ser Gln Arg Arg Arg Gly Arg Arg Gly Glu Pro
1 5 10 15

Gly Thr Ala Leu Leu Val Pro Leu Ala Leu Gly Leu Gly Leu Ala Leu
20 25 30

Ala Cys Leu Gly Leu Leu Leu Ala Val Val Ser Leu Gly Ser Arg Ala
35 40 45

Ser Leu Ser Ala Gln Glu Pro Ala Gln Glu Glu Leu Val Ala Glu Glu
50 55 60

Asp Gln Asp Pro Ser Glu Leu Asn Pro Gln Thr Glu Glu Ser Gln Asp
65 70 75 80

Pro Ala Pro Phe Leu Asn Arg Leu Val Arg Pro Arg Arg Ser Ala Pro
85 90 95

Lys Gly Arg Lys Thr Arg Ala Arg Arg Ala Ile Ala Ala His Tyr Glu
100 105 110

Val His Pro Arg Pro Gly Gln Asp Gly Ala Gln Ala Gly Val Asp Gly
115 120 125

Thr Val Ser Gly Trp Glu Glu Ala Arg Ile Asn Ser Ser Ser Pro Leu
130 135 140

Arg Tyr Asn Arg Gln Ile Gly Glu Phe Ile Val Thr Arg Ala Gly Leu
145 150 155 160

Tyr Tyr Leu Tyr Cys Gln Val His Phe Asp Glu Gly Lys Ala Val Tyr
165 170 175

Leu Lys Leu Asp Leu Leu Val Asp Gly Val Leu Ala Leu Arg Cys Leu
180 185 190

Glu Glu Phe Ser Ala Thr Ala Ala Ser Ser Leu Gly Pro Gln Leu Arg
195 200 205

Leu Cys Gln Val Ser Gly Leu Leu Ala Leu Arg Pro Gly Ser Ser Leu
210 215 220

Arg Ile Arg Thr Leu Pro Trp Ala His Leu Lys Ala Ala Pro Phe Leu
225 230 235 240

Thr Tyr Phe Gly Leu Phe Gln Val His
245

<210> 2
<211> 1306
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(1306)
<223> TWEAK

<400> 2

cacagcccc cgcccccatg gccgcccgtc ggagccagag gcggaggggg cgccgggggg	60
agccgggcac cgccctgctg gtcccgtctg cgctgggcct gggcctggcg ctggcctgcc	120
tcggcctcct gctggccgtg gtcagtttgg ggagccgggc atcgctgtcc gcccaggagc	180
ctgcccagga ggagctggtg gcagaggagg accaggaccc gtcggaactg aatccccaga	240
cagaagaaag ccaggatcct gcgcctttcc tgaaccgact agttcggcct cgcagaagtg	300
cacctaaagg ccggaaaaca cgggctcgaa gagcgatcgc agcccattat gaagttcatc	360
cacgacctgg acaggacgga gcgcaggcag gtgtggacgg gacagtgagt ggctgggagg	420
aagccagaat caacagctcc agccctctgc gctacaaccg ccagatcggg gagtttatag	480
tcacccgggc tgggctctac tacctgtact gtcaggtgca ctttgatgag gggaaggctg	540
tctacctgaa gctggacttg ctggtggatg gtgtgctggc cctgcgctgc ctggaggaat	600
tctcagccac tgcggccagt tcctcgggc ccagctccg cctctgccag gtgtctgggc	660
tgttggccct gcggccaggg tcctccctgc ggatccgcac cctcccctgg gcccatctca	720
aggctgcccc cttcctcacc tacttcggac tcttccaggt tcaactgagg gccctggtct	780
ccccacagtc gtcccaggct gccggctccc ctcgacagct ctctgggcac ccggtcccct	840
ctgccccacc ctcagccgct ctttgctcca gacctgcccc tcctctaga ggctgcctgg	900
gcctgttcac gtgttttcca tcccacataa atacagtatt cccactctta tcttacaact	960
ccccaccgc ccactctcca cctcactagc tcccgaatcc ctgacccttt gagggcccca	1020
gtgatctcga ctccccctg gccacagacc ccaggggcat tgtgttcact gtactctgtg	1080
ggcaaggatg ggtccagaag accccacttc aggcactaag aggggctgga cctggcgcca	1140
ggaagccaaa gagactgggc ctaggccagg agttcccaa tgtgaggggc gagaaacaag	1200
acaagctcct cccttgagaa ttccctgtgg atttttaaaa cagatattat ttttattatt	1260
attgtgacaa aatgttgata aatggatatt aaatagaata agtcag	1306

<210> 3
 <211> 129
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)..(129)
 <223> TWEAK receptor/Fn 14

<400> 3

Met Ala Arg Gly Ser Leu Arg Arg Leu Leu Arg Leu Leu Val Leu Gly
1 5 10 15

Leu Trp Leu Ala Leu Leu Arg Ser Val Ala Gly Glu Gln Ala Pro Gly
20 25 30

Thr Ala Pro Cys Ser Arg Gly Ser Ser Trp Ser Ala Asp Leu Asp Lys
35 40 45

Cys Met Asp Cys Ala Ser Cys Arg Ala Arg Pro His Ser Asp Phe Cys
50 55 60

Leu Gly Cys Ala Ala Ala Pro Pro Ala Pro Phe Arg Leu Leu Trp Pro
65 70 75 80

Ile Leu Gly Gly Ala Leu Ser Leu Thr Phe Val Leu Gly Leu Leu Ser
85 90 95

Gly Phe Leu Val Trp Arg Arg Cys Arg Arg Arg Glu Lys Phe Thr Thr
100 105 110

Pro Ile Glu Glu Thr Gly Gly Glu Gly Cys Pro Ala Val Ala Leu Ile
115 120 125

Gln

<210> 4
<211> 998
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(998)
<223> TWEAK receptor/Fn 14

<400> 4
gcggcgggcg cagacagcgg cgggcgagc acgtgcacta tggctcgggg ctcgctgcgc 60

cggttgctgc ggctcctcgt gctggggctc tggctggcgt tgctgcgctc cgtggccggg 120

gagcaagcgc caggcaccgc ccctgctcc cgcggcagct cctggagcgc ggacctggac 180

aagtgcacgg actgcgcgctc ttgcagggcg cgaccgcaca gcgacttctg cctgggctgc 240

gctgcagcac ctctgcccc cttccggctg ctttggccca tccttggggg cgctctgagc 300

ctgaccttcg tgctggggct gctttctggc tttttggtct ggagacgatg ccgcaggaga 360
gagaagttca ccacccccat agaggagacc ggcggagagg gctgccccagc tgtggcgctg 420
atccagtgac aatgtgcccc ctgccagccg gggctcgccc actcatcatt cattcatcca 480
ttctagagcc agtctctgcc tcccagacgc ggcgggagcc aagctcctcc aaccacaagg 540
ggggtggggg gcggtgaatc acctctgagg cctggggcca gggttcaggg gaaccttcca 600
aggtgtctgg ttgccctgcc tctggctcca gaacagaaag ggagcctcac gctggctcac 660
acaaaacagc tgacactgac taaggaactg cagcatttgc acaggggagg ggggtgccct 720
ccttccttag gacctggggg ccaggctgac ttggggggca gacttgacac taggccccac 780
tcactcagat gtcctgaaat tccaccacgg gggtcaccct gggggggttag ggacctattt 840
ttaacactag gggctggccc actaggaggg ctggccctaa gatacagacc cccccaactc 900
cccaaagcgg ggaggagata tttatttttg ggagagtttg gaggggaggg agaatttatt 960
aataaaagaa tctttaactt taaaaaaaaa aaaaaaaaaa 998

<210> 5
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 5
gatccctgtg gatttttg 17

<210> 6
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 6
tttttttttt ttttttttv 19

<210> 7
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 7
ggccagtgaattgtaatacgaactcactatagggctgcattgagacgattctttttttttt60

tttttttttv69

<210> 8
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 8
tttttttttttttttttttt18

<210> 9
<211> 41
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 9
gacatgctgcattgagacgattctttttttttttttttttttttttt41

<210> 10
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 10
aacgctgtctgccaggagcc21

<210> 11
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 11
ggccgaggatgaacctcataatgg24

<210> 12
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 12
accccaccgt gttcttcgac 20

<210> 13
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 13
catttgccat ggacaagatg 20